| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|------|---|------------------------------|---------------------|---------|------------------|
| S1 | 1 | "20030068086".pn. | US-PGPUB; USPAT | OR | OFF | 2004/11/08 10:54 |
| S2 | 72 | 382/173.ccls. and (moment\$1) | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:08 |
| S3 | 131 | "4183013".URPN: | USPAT | OR | OFF | 2004/11/08 11:01 |
| S4 | 5 | 382/173.ccls. and (coordinates near4 (sum summation cumulat\$6 total\$5)) | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:10 |
| S5 | 63 | 382/173.ccls. and (centroid\$1) | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:10 |
| S6 | 10 | 382/173.ccls. and (centroid\$1 near6 coordinate\$1) | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:11 |
| S7 | 291 | "382"/\$.ccls. and (centroid\$1 near6 coordinate\$1) | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:12 |
| S8 | 97 | 382/181-231.ccls. and (centroid\$1 near6 coordinate\$1) | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:34 |
| S9 | 18 | "4115803".URPN. | USPAT | OR | OFF | 2004/11/08 11:14 |
| S10 | 5 | "382"/\$.ccls. and (centroid\$1 and moment\$1) and label\$4.ti,ab. | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:23 |
| S11 | 40 | "382"/\$.ccls. and (sum\$1 near3 square\$1 near4 coordinate\$1) | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:26 |
| S12 | 25 | "382"/\$.ccls. and (sum\$1 near3 coordinate\$1) and merg\$3 | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:30 |
| S13 | 3 | "382"/\$.ccls. and (sum\$1 near3 coordinate\$1) near5 (segment\$1 object\$1) | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:31 |
| S14 | 10 | "382"/\$.ccls. and (add\$3 near3 coordinate\$1) near5 (segment\$1 object\$1) | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:31 |
| S15 | 6 | ("2791695" "3390229" "3619494" "3624604" "3751585" "3946361").PN. | USPAT | OR | OFF | 2004/11/08 11:32 |
| S16 | 31 | 382/181-231.ccls. and (centroid\$1 near6 coordinate\$1) and moment\$1 | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:34 |
| S17 | 4 | (("4484081") or ("4718090") or ("5982916") or ("5642288")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/05 15:58 |
| S18 | 763 | 382/173.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/11/07 13:25 |
| S19 | 212 | 382/177.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/11/05 15:59 |
| S20 | 173 | 382/180.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/11/05 15:59 |

| S21 | 865 | (382/173.ccls. 382/176.ccls. 382/177.ccls. 382/180.ccls.) and connected | US-PGPUB; USPAT | OR | OFF | 2004/11/05 15:59 |
|-----|-------|--|--------------------|------|-------|------------------|
| S22 | 318 | (382/173.ccls. 382/176.ccls. 382/177.ccls. 382/180.ccls.) and (connected near4 (area\$1 region\$1 component\$1)) | US-PGPUB; USPAT | OR | OFF | 2004/11/05 16:02 |
| S23 | 41 | (382/173.ccls. 382/176.ccls. 382/177.ccls. 382/180.ccls.) and (background.ti.) | US-PGPUB; USPAT | OR | OFF | 2004/11/05 16:07 |
| S24 | 80 | (382/173.ccls. 382/176.ccls. 382/177.ccls. 382/180.ccls.) and (foreground near3 pixel\$1) and (background near3 pixel\$1) | US-PGPUB; USPAT | OR | OFF | 2004/11/05 16:10 |
| S25 | 175 | (382/173.ccls. 382/176.ccls. 382/177.ccls. 382/180.ccls.) and (contiguous) | US-PGPUB; USPAT | OR | OFF | 2004/11/05 16:10 |
| S26 | 19 | (382/173.ccls. 382/176.ccls. 382/177.ccls. 382/180.ccls.) and (contiguous) and (background foreground).ti,ab. | US-PGPUB; USPAT | OR | OFF | 2004/11/05 16:11 |
| S27 | 3 | ("4447830" "4554593" "4903145").PN. | USPAT | OR | OFF | 2004/11/05 16:16 |
| S28 | 34 | "5280367".URPN. | USPAT | OR | OFF | 2004/11/05 16:17 |
| S29 | 8 | ("5239596" "5261010" "5263120" "5268773" "5268774" "5280367" "5282061" "5321767").PN. | USPAT | OR | OFF | 2004/11/05 16:19 |
| S30 | 12 | "5537491".URPN. | USPAT | OR | OFF | 2004/11/05 16:20 |
| S31 | 186 | 382/225.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/11/07 12:49 |
| S32 | - 387 | 382/176.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/11/07 12:52 |
| S33 | 65 | "4503556".URPN. | USPAT | OR | OFF | 2004/11/07 12:56 |
| S34 | 11 | "5613016".URPN. | USPAT | OR | OFF | 2004/11/07 13:23 |
| S35 | 125 | 382/173.ccls. and merg\$3 and (connected contiguous\$2) | US-PGPUB; USPAT | OR | OFF | 2004/11/07 13:39 |
| S36 | 7 | ("4791679" "5040229" "5048097" "5251268" "5263120" "5321768" "5583949").PN. | USPAT | OR | OFF - | 2004/11/07 13:33 |
| S37 | 6 | "5787194".URPN. | USPAT | OR | OFF | 2004/11/07 13:34 |
| S38 | 115 | 382/173.ccls. and (connected contiguous\$2) near2 pixel\$1 | US-PGPUB; USPAT | OR | OFF | 2004/11/07 13:39 |
| S39 | 8 | 382/173.ccls. and (connected contiguous\$2) near2 pixel\$1 same merg\$3 | US-PGPUB; USPAT | OR . | OFF | 2004/11/07 13:40 |

| 540 | 52 | 382/173.ccls. and (connected contiguous\$2) adj pixel\$1 | US-PGPUB; USPAT | OR | OFF | 2004/11/07 13:48 |
|------|-----|--|--------------------|----|-----|------------------|
| S41 | 1 | 382/173.ccls. and (merg\$3) adj pixel\$1 | US-PGPUB; USPAT | OR | OFF | 2004/11/07 13:48 |
| S42 | 27 | 382/173.ccls. and (merg\$3) near5 pixel\$1 | US-PGPUB; USPAT | OR | OFF | 2004/11/07 13:53 |
| \$43 | 18 | 382/173.ccls. and (merg\$3) near5 segment\$1 | US-PGPUB; USPAT | OR | OFF | 2004/11/07 13:55 |
| S44 | 269 | 382/173.ccls. and (pixel\$1) near4 (above below left right) | US-PGPUB; USPAT | OR | OFF | 2004/11/07 14:01 |
| S45 | 42 | 382/173.ccls. and (pixel\$1) near4 (above and below and left and right) | US-PGPUB; USPAT | OR | OFF | 2004/11/07 14:01 |
| S46 | 36 | "5065437".URPN. | USPAT | OR | OFF | 2004/11/07 14:16 |
| S47 | 13 | ("3987412" "4630306" "4642813" "5065437" "5120940" | USPAT | OR | OFF | 2004/11/07 14:22 |
| | | "5319551" "5608816" "5734736" "5761392" "5995677" "6148114" "6154575" "6181438").PN. | | | | |
| S48 | 6 | ("4513438" "5014331" "5048109" "5065437" "5129014" "5131049").PN. | USPAT | OR | OFF | 2004/11/07 14:26 |
| S49 | 6 | "5239596".URPN. | USPAT | OR | OFF | 2004/11/07 14:27 |
| S50 | 36 | "5065437".URPN. | USPAT | OR | OFF | 2004/11/07 14:29 |
| S51 | 11 | ("3593283" "3899771" "4183013" "4558374" "4624013" | USPAT | OR | OFF | 2004/11/07 14:31 |
| | | "4630306" "5113451" "5144682" "5199083" "5228097" "5305393").PN. | | | | |
| S52 | 3 | ("4069411" "4183013" "4189711").PN. | USPAT | OR | OFF | 2004/11/07 14:33 |
| S53 | 26 | "4624013".URPN: | USPAT | OR | OFF | 2004/11/07 14:34 |
| S54 | 3 | ("4624013" "5113451" "5305393").PN. | USPAT | OR | OFF | 2004/11/07 14:38 |
| S55 | 4 | "5602940".URPN. | USPAT | OR | OFF | 2004/11/07 14:38 |
| S56 | 8 | ("H000713" "4624013" "4718101" "4847786" "4887302" "5073953" "5199083" "5305393").PN. | USPAT | OR | OFF | 2004/11/07 14:40 |
| S57 | 4 | ("4601057" "4656665" "4695884" "4710822").PN. | USPAT | OR | OFF | 2004/11/07 14:41 |
| S58 | 2 | "5717784".URPN. | USPAT | OR | OFF | 2004/11/07 14:42 |
| S59 | 15 | "4847786".URPN. | USPAT | OR | OFF | 2004/11/07 14:42 |
| S60 | 2 | "5717784".URPN. | USPAT | OR | OFF | 2004/11/07 14:43 |
| S61 | 2 | "5841903".URPN. | USPAT | OR | OFF | 2004/11/07 14:44 |